

Phased Array Wedges



Phoenix ISL phased array wedges are manufactured from rexolite® and available to order in a range of different angles. Wedges can be contoured to your specification. Wedges include: irrigation, mounting holes and wear pins to increase wear resistance.

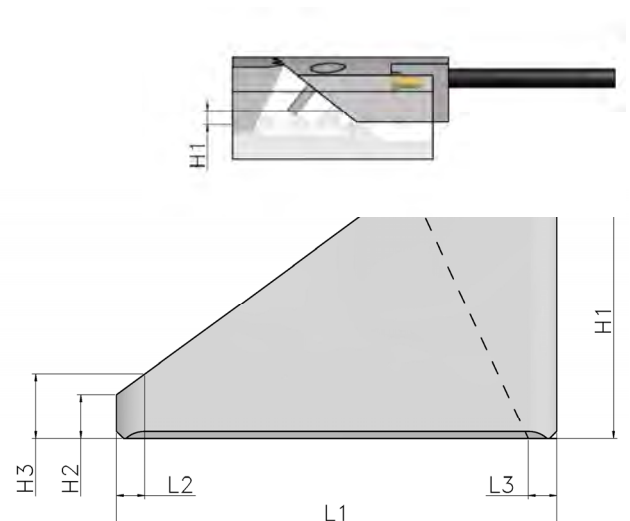
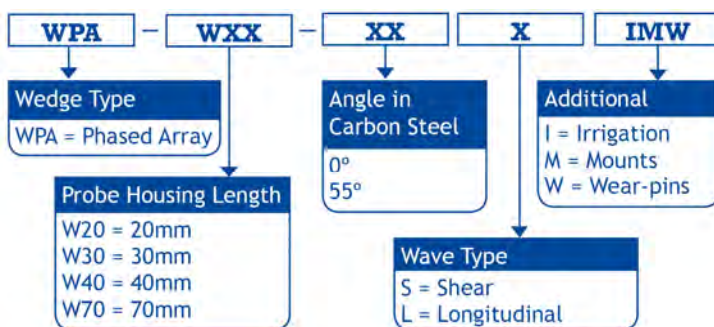
Wedge Parameters

Product Code	Velocity m/s	Front Height H1 (mm)	Rear Height H2 (mm)	Height to El. 1 H3 (mm)	Length L1 (mm)	Length to El. 1 L2 (mm)	Length to Damping L3 (mm)	Width (mm)	Wedge Angle°	Wave Type	Angle° in C/Steel
WPA-W20-55S-IMW	2330	15.50	3.62	7.0	25.0	4.7	4.0	40.0	36.1	Shear	55
WPA-W30-55S-IMW	2330	32.00	11.33	16.0	49.0	6.4	4.0	40.0	36.1	Shear	55
WPA-W40-55S-IMW	2330	33.50	6.27	11.0	62.0	6.4	4.0	40.0	36.1	Shear	55
WPA-W70-55S-IMW	2330	47.50	4.18	8.2	82.0	5.5	4.0	40.0	36.1	Shear	55
WPA-W20-0L-IMW	2330	20.00	20.00	20.00	25.0	8.0	--	40.0	0	Long	0
WPA-W30-0L-IMW	2330	20.00	20.00	20.00	49.0	15.2	--	40.0	0	Long	0
WPA-W40-0L-IMW	2330	20.00	20.00	20.0	62.0	15.5	--	40.0	0	Long	0
WPA-W70-0L-IMW	2330	20.00	20.00	20.00	82.0	11.5	--	40.0	0	Long	0

Bracelet Wedges (contoured) Available for pipes ranging from 0.5" - 8" NPS . Please contact our Sales team to order.

Other specification phased array wedges available on request. See product code generator below.

Phased Array Wedge Product Codes



Linear Phased Array Probes

High performance linear phased array probes, designed with piezo-composite elements to provide high resolution imaging and to maximise sensitivity.

Housed in a rugged stainless steel case for all industrial NDT applications. Phoenix ISL linear phased array probes are compatible with market leading instruments and the Phoenix ISL range of phased array wedges.



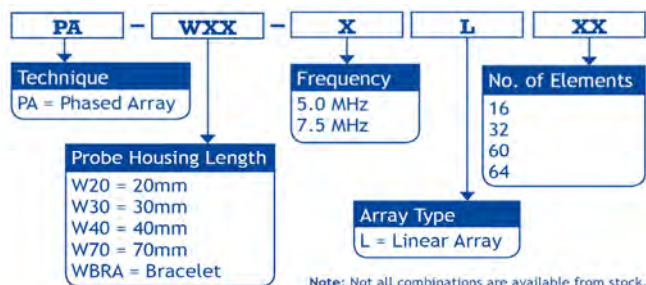
Probe Parameters

Product Code	Frequency MHz	No. of Elements	Pitch (mm)	Aperture A (mm)	El. 1 to End of Case B (mm)	Elevation (mm)	External Dimensions (mm)		
							Length L	Width W	Height H
PA-W20-5L16	5.0	16	0.60	9.6	5.5	10	20	23	25
PA-W30-5L32	5.0	32	0.60	19.2	5.7	10	30	23	25
PA-W40-5L32	5.0	32	1.00	32.0	4.5	10	40	23	25
PA-W40-5L64	5.0	64	0.50	32.0	4.25	10	40	23	25
PA-W70-5L60	5.0	60	1.00	60.0	5.5	10	70	23	25
PA-WBRA-7.5L16	7.5	16	0.5	8.0	2.5	10	25.9	21.9	9.7

■ The above phased array probes are available from stock

■ Other specification phased array probes available on request

Phased Array Probe Product



Supplied with:

- Phased array probe with integral cable and IPEX connector*
- Array Characterisation Report
- Carry Case

* Other connectors available to order, upon request.

